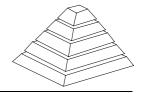
Philips Medical Systems



FIELD CHANGE ORDER

Service

Issued by: PMS DMC HamburgReference No.: FCO74200017Released by: T. FrenscheksignedDate: May 2004



OPTIMUS RAD / RF / C

Valid for USA only!

APPLIES TO:

All OPTIMUS RAD / RF / C generators

Serial number Generator type

 989000002001 $\geq 970218 \leq SN030529$ Optimus 50 / 65 / 80 RAD

 989000002001 $\geq 971009 \leq SN032102$ Optimus 50 / 65 / 80RF

 989000002021 $\geq 996013 \leq SN036087$ Optimus 50 / 65 / 80C

TITLE:

OPTIMUS converter over-current supervision

LIST OF PAGES & DRAWINGS:

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ANR (04.0)

INTRODUCTION:

Symptom: Defective converter, short-circuit of the IGBTs.

Cause : Tube interferences or a defective tube can cause a converter overload.

Remedy: Modification of the converter(s) of the generator with a supervision circuit for each

individual converter.

MANPOWER / TIME TO COMPLETE:

1 service engineer, 1 hour for OPTIMUS 50kW 1 service engineer, 1.5 hour for OPTIMUS 65 / 80kW

TOOLS & TEST EQUIPMENT:

Standard tool set Digital oscilloscope

MODIFICATION KIT / PARTS REQUIRED:

4512 104 99291

Containing:

4512 178 00241 Current limiter
4512 104 91702 Current sensor
2422 034 21954 Insulation sleeves
4512 984 26731 Modification instructions
4512 980 60631 FCO74200017
Installation material

Ordering SSD PMSNA is notified of the quantity by Service Logistics International, Hamburg.

information: Kits are delivered free of charge until January, 2005.

PROCEDURE:

- Modification of the converter group EQ / E2Q.
- · Detailed description see modification instruction manual.
- · Check functions.

PARTS DISPOSAL:

All parts are to be disposed of in a safe way in accordance with local safety regulations.

DOCUMENTATION:

- · Log this action in the section "History Record" of the System Reference Manual.
- File this FCO in the section "Service Information" of the System Reference Manual.
- Fill out the attached Action Notification Report and send it to your SSD Customer Support Manager.

FCO ACTION NOTIFICATION REPORT For local SSD use only; do not return to PMG.

TITLE: OPTIMUS converter over-current supervision	
CLASSIFICATION: Action for Performance – Proact	ive FCO REF. NO.: FC074200017
APPLIES TO: All OPTIMUS RAD / RF / C generators	
HOSPITAL / ADDRESS :	
LOCATION / FW SITE NO.:	ALES ORDER NO. / OA NO.:
PRODUCT NUMBER :	
UNIT SERIAL NUMBER :	
ACTION ON THIS UNIT WAS: (select one) Completed per instruction on	
DATE Completed by the factory prior to delivery.	
Not completed as this unit is not affected per instruction because: (state reason)	
Not completed because customer has unit in storage. Required parts & instructions received by the customer.	
CUSTOMER ACKNOWLEDGEMENT (Required for MANDATORY ACTIONS only).	
The REASON and PURPOSE of this modification have been explained to me.	
CUSTOMER NAME (PLEASE PRINT)	TITLE
CUSTOMER SIGNATURE	DATE
BRANCH REGION / DEALER :	SERVICE UNIT / SERVICE AREA NO.:
SIGNATURE CUSTOMER SERVICES ENGINEER	DATE
SIGNATURE CUSTOMER SERVICES MANAGER	MAIL TO: SSD Customer Services Manager